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Traunuferstrasse 110
4052 Ansfelden, Austria

M4A78-E

Brand New Design Optimized for AM3 CPU

- AMD AM3 CPU support
- 8+1 Phase Power Design
- EPU
- Turbo V
- Turbo Key
- ASUS Anti-Surge Protection
- Express Gate
- ATI Hybrid CrossFireX™ Technology Support
- AMD 140W CPU Support

Print

Specifications

CPU	AMD Socket AM2+ / AM2 Phenom™ X4/Phenom™ X3/Athlon™ /Athlon™ X2/Sempron™ Processors Support AM3 Phenom™ II / Athlon™ X4 / Athlon™ X3 / Athlon™ X2 Processors AMD Cool 'n' Quiet™ Technology Support 45nm CPU AMD 140W CPU Support
Chipset	AMD 790GX/SB750
System Bus	Up to 5200 MT/s HyperTransport™ 3.0 interface for AM3/AM2+ CPU 2000 / 1600 MT/s for AM2 CPU
Memory	4 x DIMM, Max. 16 GB, DDR2 1066/800/667 ECC,Non-ECC,Un-buffered Memory Dual Channel memory architecture *Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended. **Refer to www.asus.com or this user manual for the Memory QVL(Qualified Vendors Lidts)
Expansion Slots	2 x PCIe 2.0 x16 (Single x16 with VGA Switch Card or Dual x8)*. Support ATI CrossFireX™ technology 2 x PCIe x1 2 x PCI 2.2
VGA	Integrated ATI Radeon™ HD 3300 GPU. Max. shared memory: 512 MB SidePort Memory - onboard 64MB DDR2 800 memory Supports HDMI™ Technology with max. resolution up to 1920 x 1200 (1080P) Supports Dual-link DVI with max. resolution up to 2560x1600 @60Hz Supports D-Sub with max. resolution up to 2560x1440 @ 75Hz Hybrid CrossFireX™ Support Dual independent displays support with HDMI/DVI and D-Sub Supports Microsoft® DirectX 10, OpenGL 2.0, Shader Model 4.0 Hardware Decode Acceleration for H.264,VC-1, and MPEG-2
Storage	**SB750 Chipset** 1 xUltraDMA 133/100/66 for up to 2 PATA devices 5 xSATA 3 Gb/s ports Support RAID 0,1,5,10,JBOD

Fragen zu dem Produkt? Kein Problem - wir helfen Ihnen per eMail (info@diskontcomputer.com) gerne weiter!
Den aktuellen Preis und Lagerstand finden Sie online auf http://www.diskontcomputer.com/detail.php?item=460946

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LAN	Atheros L1E Gigabit LAN controller featuring AI NET 2
Audio	VIA VT1708S 8 -Channel High Definition Audio CODEC - Supports Jack-Detection, Multi-Streaming, and Front Panel Jack-Retasking - Optical S/PDIF Out ports at back I/O - ASUS Noise Filtering
IEEE 1394	VIA VT6315N controller supports 2 x 1394a ports
USB	12 USB 2.0 ports (6 ports at mid-board, 6 ports at back panel)
ASUS Unique Features	**ASUS Power Solutions:** - 8+1 Phase Power Design - ASUS Anti-Surge Protection **ASUS Green Design:** - ASUS EPU (*ASUS EPU is supported by AM3/AM2+ CPU only.) - ASUS AI Nap **Express Gate** **ASUS Quiet Thermal Solution:** - ASUS Fanless Design:Feather heatsink solution - ASUS Q-Fan2 **ASUS EZ DIY:** - ASUS Q-Connector - ASUS CrashFree BIOS 3 - ASUS O.C. Profile - ASUS EZ Flash 2
Overclocking Features	**Intelligent overclocking tools** - AI Overclocking (intelligent CPU frequency tuner) - TurboV - Turbo Key **SFS (Stepless Frequency Selection)** - FSB tuning from 200MHz up to 600MHz at 1MHz increment - PCI Express frequency tuning from 100MHz up to 150MHz at 1MHz increment **Overclocking Protection** - ASUS C.P.R.(CPU Parameter Recall)
Special Features	100% All High-quality Conductive Polymer Capacitors!(VRM 5000hrs lifespan @105℃, 500,000hrs @65℃) ASUS MyLogo 2 AMD OverDrive Support* * Advanced cooling system is required when advanced overclock functions of AMD OverDrive are enabled.
Back Panel I/O Ports	1 x DVI 1 x D-Sub 1 x HDMI 1 x External SATA 1 x S/PDIF Out (Optical) 1 x IEEE 1394a 1 x LAN(RJ45) port 6 x USB 2.0/1.1 8 -Channel Audio I/O 1 x PS/2 Keyboard (Purple)
Internal I/O Connectors	3 x USB connectors (6 ports) 1 x Floppy disk drive connector 1 x IDE connector 5 x SATA connectors 1 x IEEE 1394a connector 1 x CPU Fan connector 2 x Chassis Fan connector 1 x Power Fan connector 1 x S/PDIF Out connector CD audio in Front panel audio connector COM connector

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	Chassis Intrusion connector System Panel (Q-Connector) 24-pin ATX Power connector 4-pin ATX 12V Power connector
BIOS	8 Mb Flash ROM AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.3, ACPI 2.0a, ASUS EZ Flash 2
Accessories	1 x UltraDMA 133/100/66 cable 4 x SATA cable VGA Switch Card 1 x I/O Shield 1 x User's manual 2 in 1 Q-connector (USB, System panel; Retail version only) *The floppy disk drive cable is purchased separately
Support Disc	Drivers ASUS PC Probe II Express Gate ASUS AI Suite Anti-virus software (OEM version) ASUS Update AMD OverDrive Utility (AOD)
Form Factor	ATX Form Factor 12 inch x 9.6 inch (30.5 cm x 24.5 cm)

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
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